Interlaboratory Results - Test #5
April 90 - October 90

Table I.

"Tar"

Sample	C1 Carlton 95		C2 Winston ultra lts		C3 Kool Lights		C4 L&M 85		C5 Marlboro		C6 Newport 100		C7 Jm #3	
Laboratory	X	s	X	s	X	s	X	s	X	s	X	s	X	s
American	1.0	0.2	5.3	0.3	8.5	0.3	12.2	0.5	17.2	0.5	18.2	0.6	17.1	0.4
B & W	1.2	0.1	5.3	0.3	8.3	0.2	11.4	0.5	16.1	0.5	17.8	0.6	17.1	0.3
L & M	1.2	0.1*	5.7	0.2*	8.5	0.2*	12.3	0.1*	16.4	0.4*	18.2	0.5*	17.4	0.5*
Lorillard	0.9	0.2	5.6	0.3	8.3	0.5	12.3	0.7	16.6	0.6	18.5	0.5	17.0	0.5
P. Morris	1.3	0.3	5.8	0.4	8.2	0.3	12.0	0.6	16.6	0.5	18.0	0.7	17.4	0.7
R. J. Reynolds	1.2	0.1	5.5	0.3	8.9	0.4	12.0	0.4	16.2	0.7	18.5	0.5	17.0	0.5
TITL	1.0	0.2	5.5	0.3	8.8	0.4	12.2	0.4	16.8	0.5	18.8	0.4	18.3	0.7
Average	1.1	0.2	5.5	0.3	8.5	0.3	12.1	0.5	16.6	0.5	18.3	0.5	17.3	0.5

Table II.

"Nicotine"

Sample	C1		C2		C3		C4		C5		C6		C7	
Laboratory	X	s	X	s	X	s	X	s	X	s	X	s	X	s
American	0.14	0.01	0.51	0.02	0.72	0.02	1.03	0.03	1.22	0.04	1.45	0.03	1.29	0.04
B & W	0.16	0.04	0.49	0.02	0.73	0.01	0.98	0.03	1.17	0.04	1.41	0.04	1.24	0.04
L & M	0.14	0.01*	0.51	0.01*	0.72	0.02*	0.99	0.02*	1.15	0.02*	1.43	0.02	1.24	0.02*
Lorillard	0.17	0.01	0.54	0.03	0.78	0.04	1.11	0.04	1.25	0.03	1.59	0.05	1.31	0.03
P. Morris	0.13	0.01	0.50	0.03	0.71	0.03	0.99	0.04	1.15	0.08	1.41	0.11	1.26	0.05
R. J. Reynolds	0.13	0.02	0.47	0.03	0.71	0.03	0.98	0.06	1.11	0.08	1.41	0.07	1.21	0.04
TITL	0.14	0.01	0.49	0.02	0.73	0.02	0.99	0.03	1.17	0.03	1.44	0.04	1.27	0.04
Average	0.14	0.02	0.50	0.02	0.73	0.02	1.01	0.04	1.17	0.05	1.45	0.05	1.26	0.04

*Combined samples

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Table III.

Carbon Monoxide														
Sample	C1		C2		C3		C4		C5		C6		C7	
Laboratory	X	s	X	s	X	s	X	s	X	s	X	s	X	s
American	2.2	0.2	8.5	0.4	8.8	0.5	11.2	0.4	15.4	0.6	18.4	0.5	16.5	0.6
B & W	1.8	0.2	7.4	0.6	7.8	0.2	9.8	0.8	13.9	0.7	17.0	0.9	16.3	0.7
L & M	2.2	0.1	8.3	0.5	8.9	0.4	11.3	0.6	15.1	0.7	18.1	0.8	17.6	0.7
Lorillard	2.2	0.3	8.4	0.6	8.6	0.3	10.6	0.5	14.5	0.6	18.0	0.7	15.9	0.6
P. Morris	2.1	0.1	7.8	0.8	8.1	0.3	10.2	0.4	15.3	1.1	17.5	0.8	16.4	0.6
R. J. Reynolds	2.3	0.1	8.3	0.5	8.8	0.4	10.9	0.4	14.9	0.7	18.5	0.7	16.3	0.5
TITL	2.3	0.1	8.7	0.4	9.2	0.4	11.2	0.4	15.5	0.6	19.4	0.8	18.0	0.9
Average	2.2	0.2	8.2	0.5	8.6	0.4	10.7	0.5	14.9	0.7	18.1	0.7	16.7	0.7

Table IV.

Puff														
Sample	C1		C2		C3		C4		C5		C6		C7	
Laboratory	X	s	X	s	X	s	X	s	X	s	X	s	X	s
American	7.1	0.2	6.7	0.2	7.6	0.2	8.1	0.2	9.4	0.3	8.8	0.3	9.0	0.2
B & W	6.4	0.3	6.1	0.2	7.0	0.2	7.3	0.2	8.6	0.2	8.1	0.2	8.4	0.2
L & M	6.9	0.2	6.8	0.2	7.6	0.2	8.1	0.3	9.3	0.2	8.9	0.3	9.0	0.2
Lorillard	6.8	0.2	6.6	0.2	7.4	0.2	7.9	0.2	9.1	0.3	8.8	0.2	9.0	0.1
P. Morris	6.8	0.2	6.4	0.2	7.4	0.3	7.8	0.2	8.8	0.2	8.8	0.3	9.0	0.2
R. J. Reynolds	6.8	0.3	6.6	0.2	7.6	0.2	7.9	0.3	9.1	0.2	8.9	0.2	8.9	0.2
TITL	7.2	0.2	6.8	0.1	7.9	0.2	8.3	0.3	9.5	0.2	9.0	0.2	9.6	0.2
Average	6.9	0.2	6.6	0.2	7.5	0.2	7.9	0.2	9.1	0.2	8.8	0.2	9.0	0.2

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Table V.

Sample	TPM C1		C2		C3		C4		C5		C6		C7	
Laboratory	X	s	X	s	X	s	X	s	X	s	X	s	X	s
American	1.2	0.2	6.5	0.5	10.1	0.3	15.6	0.8	22.1	0.8	22.4	0.5	21.8	0.6
B & W	1.4	0.2	6.2	0.4	9.8	0.3	14.2	0.9	20.3	0.8	22.1	0.8	21.8	0.7
L & M	1.6	0.1	7.1	0.3	10.4	0.3	16.4	0.9	21.1	1.0	23.2	1.0	23.5	0.7
Lorillard	1.3	0.1	6.5	0.4	9.8	0.6	16.1	1.3	21.4	1.2	23.1	0.7	21.7	0.9
P. Morris	1.5	0.3	6.8	0.4	9.7	0.3	14.8	0.6	21.0	0.5	22.1	0.8	21.8	1.3
R. J. Reynolds	1.4	0.2	6.6	0.3	10.6	0.4	15.2	0.5	20.6	1.1	23.0	0.7	22.0	0.7
TITL	1.4	0.1	6.6	0.3	10.6	0.4	15.5	0.6	21.3	0.7	23.2	0.6	23.3	1.0
Average	1.4	0.2	6.6	0.4	10.1	0.4	15.4	0.8	21.1	0.9	22.7	0.7	22.3	0.8

Table VI.

Sample	Water C1		C2		C3		C4		C5		C6		C7	
Laboratory	X	s	X	s	X	s	X	s	X	s	X	s	X	s
American	0.1	0.0	0.7	0.2	1.0	0.1	2.5	0.3	3.6	0.4	2.8	0.4	3.4	0.3
B & W	0.1	0.1	0.4	0.1	0.8	0.1	1.9	0.3	3.0	0.3	2.8	0.4	3.5	0.2
L & M	0.3	0.2*	0.8	0.0*	1.2	0.1*	3.0	0.4*	3.6	0.2*	3.6	0.4*	4.8	0.8*
Lorillard	0.3	0.1	0.4	0.2	0.7	0.1	2.7	0.7	3.6	0.7	3.1	0.3	3.4	0.5
P. Morris	0.1	0.0	0.5	0.1	0.8	0.1	1.8	0.2	3.2	0.3	2.7	0.3	3.2	0.6
R. J. Reynolds	0.2	0.1	0.6	0.1	1.1	0.1	2.3	0.2	3.3	0.4	3.1	0.3	3.9	0.5
TITL	0.3	0.2	0.6	0.1	1.0	0.1	2.3	0.3	3.3	0.3	2.9	0.2	3.7	0.4
Average	0.2	0.1	0.6	0.1	0.9	0.1	2.4	0.3	3.4	0.4	3.0	0.3	3.7	0.5

*Combined samples

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